

## EAST Search History

## EAST Search History (Prior Art)

| Ref # | Hits | Search Query   | DBs   | Default Operator | Plurals | Time Stamp          |
|-------|------|--|---|------------------|---------|---------------------|
| S1    | 1    | PCT/KR05/01431   | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ              | ON      | 2009/09/22<br>09:46 |
| S3    | 7    | KR-2005001431-\$.DID.<br>OR US-4074545-\$.DID.<br>OR GB-2015070-\$.DID.<br>OR GB-2128283-\$.DID.                               | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ              | ON      | 2009/09/22<br>12:02 |
| S4    | 22   | ("2618282"  <br>"2738072"   "2896641"<br>  "2936892"  <br>"3408834").PN. OR<br>("4074545").URPN.                               | US-PGPUB;<br>USPAT; USOCR                                     | ADJ              | ON      | 2009/09/22<br>13:23 |
| S5    | 2693 | bimetal same (lock or<br>interlock or latch)   | US-PGPUB;<br>USPAT; USOCR                                     | ADJ              | ON      | 2009/09/22<br>13:34 |
| S6    | 1807 | bimetal same (lock or<br>interlock or latch) and<br>(force or forcibly)  | US-PGPUB;<br>USPAT; USOCR                                     | ADJ              | ON      | 2009/09/22<br>13:35 |
| S7    | 1090 | bimetal same (lock or<br>interlock or latch)<br>same (force or forcibly)   | US-PGPUB;<br>USPAT; USOCR                                     | ADJ              | ON      | 2009/09/22<br>13:35 |
| S8    | 61   | bimetal same (lock or<br>interlock or latch)<br>same (force or forcibly)<br>and (appliance or<br>washing machine)              | US-PGPUB;<br>USPAT; USOCR                                     | ADJ              | ON      | 2009/09/22<br>13:36 |
| S9    | 242  | bimetal same (lock or<br>interlock or latch)<br>same (force or forcibly)<br>and (appliance or<br>washing machine or<br>washer) | US-PGPUB;<br>USPAT; USOCR                                     | ADJ              | ON      | 2009/09/22<br>13:37 |
| S10   | 201  | bimetal same (lock or<br>interlock or latch)<br>same (force or forcibly)<br>and (washing machine<br>or washer)                 | US-PGPUB;<br>USPAT; USOCR                                     | ADJ              | ON      | 2009/09/22<br>13:37 |

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| S11 | 149    | bimetal same (interlock or latch) same (force or forcibly) and (washing machine or washer)   | US-PGPUB;<br>USPAT; USOCR | ADJ | ON | 2009/09/22<br>13:39 |
| S12 | 69     | (bimetal with latch) and ((force or forcibly) near3 (open or unlatch))   | US-PGPUB;<br>USPAT; USOCR | ADJ | ON | 2009/09/22<br>13:41 |
| S13 | 405934 | (washing machine) or washer  | US-PGPUB;<br>USPAT; USOCR | ADJ | ON | 2009/09/22<br>13:43 |
| S14 | 16     | S12 and S13  | US-PGPUB;<br>USPAT; USOCR | ADJ | ON | 2009/09/22<br>13:43 |
| S15 | 104    | bimetal same (lock or interlock or latch) same (force or forcibly) and (washing machine or washer) not (circuit breaker)   | US-PGPUB;<br>USPAT; USOCR | ADJ | ON | 2009/09/22<br>13:43 |
| S16 | 375    | S13 and S6   | US-PGPUB;<br>USPAT; USOCR | ADJ | ON | 2009/09/22<br>13:47 |
| S17 | 201    | S13 and S7   | US-PGPUB;<br>USPAT; USOCR | ADJ | ON | 2009/09/22<br>13:47 |
| S18 | 19     | ("4032180"   "4074545"   "4179907"   "4286811"   "4620735"   "4664429"   "4718705").PN. OR ("4995650").URPN.   | US-PGPUB;<br>USPAT; USOCR | ADJ | ON | 2009/09/22<br>13:49 |
| S19 | 58     | ("1872560"   "2461903"   "2489391"   "2599473"   "2908848"   "3181037"   "3222481"   "3335319"   "3360197"   "3436502"   "3458675"   "3484858"   "3525914"   "3546410"   "3586939"   "3596023"   "3617957"   "3627987"   "3638638"   "3674952"   "3776216"   "3815942").PN. OR ("4032180").URPN. | US-PGPUB;<br>USPAT; USOCR | ADJ | ON | 2009/09/22<br>14:01 |
| S20 | 5      | bimetal same (latch) and ((forcibly or force) adj open or unlatch) and (washing machine)   | US-PGPUB;<br>USPAT; USOCR | ADJ | ON | 2009/09/22<br>14:29 |
| S21 | 47     | (Schantz, Spencer).in.   | US-PGPUB;<br>USPAT; USOCR | ADJ | ON | 2009/09/22<br>14:38 |

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| S22 | 6     | ("4963706"   "4968862").PN. OR ("5153395").URPN.   | US-PGPUB; USPAT; USOCR | ADJ | ON | 2009/09/22 14:50 |
| S23 | 1     | bimetal same (latch) and ((forcibly or force) adj (open or unlatch)) and (washing machine)                         | US-PGPUB; USPAT; USOCR | ADJ | ON | 2009/09/22 14:56 |
| S24 | 1     | bimetal same (latch) and ((forcibly or force) near3 (open or unlatch)) and (washing machine)                       | US-PGPUB; USPAT; USOCR | ADJ | ON | 2009/09/22 14:56 |
| S25 | 101   | bimetal same (latch) and ((forcibly or force) near3 (open or unlatch))   | US-PGPUB; USPAT; USOCR | ADJ | ON | 2009/09/22 14:57 |
| S26 | 4     | bimetal same (latch) and ((forcibly or force) near3 (open or unlatch)) and lid                                     | US-PGPUB; USPAT; USOCR | ADJ | ON | 2009/09/22 14:57 |
| S27 | 1     | (bimetal same latch) and ((forcibly or force) near3 (open or unlatch)) and (washing machine)                       | US-PGPUB; USPAT; USOCR | ADJ | ON | 2009/09/22 14:58 |
| S28 | 32    | bimetal same (latch) and ((forcibly or force) adj (open or unlatch))   | US-PGPUB; USPAT; USOCR | ADJ | ON | 2009/09/22 15:00 |
| S29 | 19    | bimetal same (latch) and ((forcibly or force) near3 (open or unlatch)) and S13                                     | US-PGPUB; USPAT; USOCR | ADJ | ON | 2009/09/22 15:04 |
| S31 | 46296 | "68".clas.   | US-PGPUB; USPAT; USOCR | ADJ | ON | 2009/09/22 15:06 |
| S32 | 12    | "68".clas. and (bimetal same (latch or locking))   | US-PGPUB; USPAT; USOCR | ADJ | ON | 2009/09/22 15:06 |
| S33 | 21    | ("68".clas. or "134". clas. or D32.clas.) and (bimetal same (latch or locking))                                    | US-PGPUB; USPAT; USOCR | ADJ | ON | 2009/09/22 15:13 |
| S34 | 131   | (bimetal same latch) and ((forcibly or force \$1) near3 (open\$2 or unlatch\$2))                                   | US-PGPUB; USPAT; USOCR | ADJ | ON | 2009/09/22 15:35 |
| S35 | 2     | (bimetal same (latch or locker)) and ((forcibly or force\$1) near3 (open \$2 or unlatch\$2)) and (washing machine) | US-PGPUB; USPAT; USOCR | ADJ | ON | 2009/09/22 15:36 |

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| S36 | 21    | (bimetal same (latch or locker)) and ((forcibly or force\$1) near3 (open \$2 or unlatch\$2)) and (washing machine or appliance)   | US-PGPUB;<br>USPAT; USOCR                                     | ADJ | ON | 2009/09/22<br>15:37 |
| S39 | 20    | ("1909753"  <br>"2001443"   "2842075"<br>  "3617957"  <br>"3701617"   "3892933"<br>  "3966242"  <br>"4032180"   "4262945"<br>  "4609233"  <br>"4620735"   "4988132"<br>  "5062668").PN. OR<br>("6145898").URPN. | US-PGPUB;<br>USPAT; USOCR                                     | ADJ | ON | 2009/09/22<br>15:59 |
| S40 | 22    | ("3546410"  <br>"3617957"   "3892933"<br>  "4032180"  <br>"4157197"   "4365830"<br>  "4509779"  <br>"4620735"   "4687236"<br>  "4932707"  <br>"4988132"  <br>"5323628").PN. OR<br>("6082787").URPN.             | US-PGPUB;<br>USPAT; USOCR                                     | ADJ | ON | 2009/09/22<br>16:10 |
| S41 | 17    | ("0711812"  <br>"2380568"   "2478434"<br>  "2526539"  <br>"2592073"   "2629156"<br>  "2869952"  <br>"3603631"   "5096236"<br>  "6082787").PN. OR<br>("7159910").URPN.   | US-PGPUB;<br>USPAT; USOCR                                     | ADJ | ON | 2009/09/22<br>16:24 |
| S42 | 2     | US-4074545-\$.did.  | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/10/08<br>11:43 |
| S43 | 72273 | "68".clas. or "8".clas.   | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/11/30<br>15:57 |
| S44 | 11    | S43 and (bimetal) and (solenoid)  | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/11/30<br>15:57 |

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| S45 | 2    | US-20040083769-\$.<br>did.   | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/11/30<br>16:06 |
| S46 | 14   | S43 and ((bimetal)<br>same (lock\$3 or latch<br>or hook or slid\$3 or<br>switch or interlock))   | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/11/30<br>16:11 |
| S47 | 22   | ("2618282"  <br>"2738072"   "2896641"<br>  "2936892"  <br>"3408834").PN. OR<br>("4074545").URPN.   | US-PGPUB;<br>USPAT; USOCR                                     | ADJ | ON | 2009/12/01<br>07:45 |
| S48 | 13   | ("2738072"  <br>"4074545").PN. OR<br>("4179907").URPN.   | US-PGPUB;<br>USPAT; USOCR                                     | ADJ | ON | 2009/12/01<br>08:08 |
| S49 | 13   | ("3602015"  <br>"3892933"   "4072867"<br>  "4286811"  <br>"4623179"   "4932707"<br>  "5009456"  <br>"5219386"   "5551187"<br>  "RE30263").PN. OR<br>("6634684").URPN.                    | US-PGPUB;<br>USPAT; USOCR                                     | ADJ | ON | 2009/12/01<br>08:16 |
| S50 | 15   | ("20020121783"  <br>"2489864"   "2702719"<br>  "2869952"  <br>"3520568"   "4480862"<br>  "4687236"  <br>"5062668"   "6082787"<br>  "6343824"  <br>"6603377").PN. OR<br>("7322127").URPN. | US-PGPUB;<br>USPAT; USOCR                                     | ADJ | ON | 2009/12/01<br>08:23 |
| S51 | 7177 | ((bimetal or<br>thermoelement) same<br>(lock\$3 or latch or<br>hook or slid\$3 or<br>switch or interlock))   | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/12/01<br>08:31 |
| S52 | 2759 | S51 and (lid or door or<br>closure or gate or<br>cover or hood or hatch<br>or protal)  | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/12/01<br>08:33 |
| S53 | 135  | S52 and (forc\$4 near3<br>open)  | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/12/01<br>08:36 |

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| S54 | 8     | S52 and ((forced or forcible) near3 open)  | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/12/01<br>08:45 |
| S55 | 258   | 8/147.ccls.  | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/12/01<br>08:48 |
| S56 | 24    | "8/147".ccls. and (lock \$3 or latch or hook or slid\$3 or switch or interlock)                                      | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/12/01<br>08:50 |
| S57 | 144   | ((MIN) near2 (LIM)). INV.  | US-PGPUB;<br>USPAT  | ADJ | ON | 2009/12/01<br>08:53 |
| S58 | 32    | ((MIN) near2 (LIM)). INV. and wash\$3  | US-PGPUB;<br>USPAT  | ADJ | ON | 2009/12/01<br>08:54 |
| S59 | 3     | ((MIN) near2 (LIM)). INV. and bimetal  | US-PGPUB;<br>USPAT  | ADJ | ON | 2009/12/01<br>08:56 |
| S60 | 86    | ((IN) near2 (AHN)). INV.   | US-PGPUB;<br>USPAT  | ADJ | ON | 2009/12/01<br>08:56 |
| S61 | 333   | S51 and ((lid or door or closure or gate or cover or hood or hatch or protal) near3 open)                            | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/12/01<br>09:02 |
| S62 | 2     | EP-965677-\$.did.  | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/12/01<br>09:30 |
| S63 | 72282 | "68".clas. or "8".clas.  | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/12/01<br>09:53 |
| S64 | 1126  | S63 and ((lid or door or closure or gate or cover or hood or hatch or protal) near3 open)                            | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/12/01<br>09:53 |
| S65 | 3     | S63 and ((lid or door or closure or gate or cover or hood or hatch or protal) near3 (forced or forcible) near3 open) | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/12/01<br>09:53 |

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| S66 | 5  | S63 and ((lid or door or closure or gate or cover or hood or hatch or protal) same ((forced or forcible) near3 open))                                       | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/12/01<br>09:55 |
| S67 | 88 | S63 and ((lid or door or closure or gate or cover or hood or hatch or protal) near3 open near3 switch)  | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/12/01<br>09:56 |
| S68 | 3  | S63 and (front load\$3) and ((lid or door or closure or gate or cover or hood or hatch or protal) near3 open near3 switch)                                  | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/12/01<br>11:06 |
| S69 | 6  | US-4074545-\$.did. or GB-2015070-\$.did. or GB-2128283-\$.did.  | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/12/01<br>12:02 |
| S70 | 3  | US-3272935-\$.did. or US-3638457-\$.did. or US-3602015-\$.did.  | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/12/01<br>12:08 |
| S71 | 2  | S63 and ((lid or door or closure or gate or cover or hood or hatch or protal) near3 open near3 brake)   | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/12/01<br>14:00 |
| S72 | 48 | S63 and ((lock\$3 or latch or hook or slid\$3 or switch or interlock) near3 brake)  | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/12/01<br>14:04 |
| S73 | 88 | S63 and ((lock\$3 or latch or hook or slid\$3 or switch or interlock) near3 (lid or door or closure or gate or cover or hood or hatch or protal)) and brake | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/12/01<br>14:13 |

**EAST Search History (I nterference)**

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**12/ 2/ 2009 12:20:53 PM****C:\ Documents and Settings\ ckling\ My Documents\ EAST\ Workspaces\ 10-553,130.wsp**